

# U.S. Army Materiel Command

**COL James Naughton**  
Assistant Deputy Chief of Staff for Ammunition

**Ammunition Update  
to 46th NDIA  
Fuze Conference**

**30 April 2001**



***ESSENTIAL IN PEACE, INDISPENSABLE IN WAR***

# Near Term Procurement Ammunition, Army

## Army Budget

(\$ in Millions)

APPROPRIATION	FY02	FY03
FAMILY HOUSING	1,386	1,405
MIL PERSONNEL	30,432	35,619
RDTE	7,053	6,919
MCA	2,345	1,637
OMA	27,473	30,641
<b>PROCUREMENT</b>	<b>10,568</b>	<b>12,280</b>
ERA	387	396
BRAC	164	165
CHEM DEMI	1,098	1,490
AWCF	167	425
<b>TOTAL*</b>	<b>81,075</b>	<b>90,978</b>

*\*Totals may not add due to rounding*

## Procurement Appropriation

(\$ in Millions)

APPROPRIATION	FY02	FY03
AIRCRAFT	1,971	2,061
MISSILES	1,072	1,642
WTCV	2,178	2,248
<b>AMMUNITION</b>	<b>1,192</b>	<b>1,159</b>
OTHER PROCUREMENT	4,155	5,169
<b>TOTAL</b>	<b>10,568</b>	<b>12,280</b>

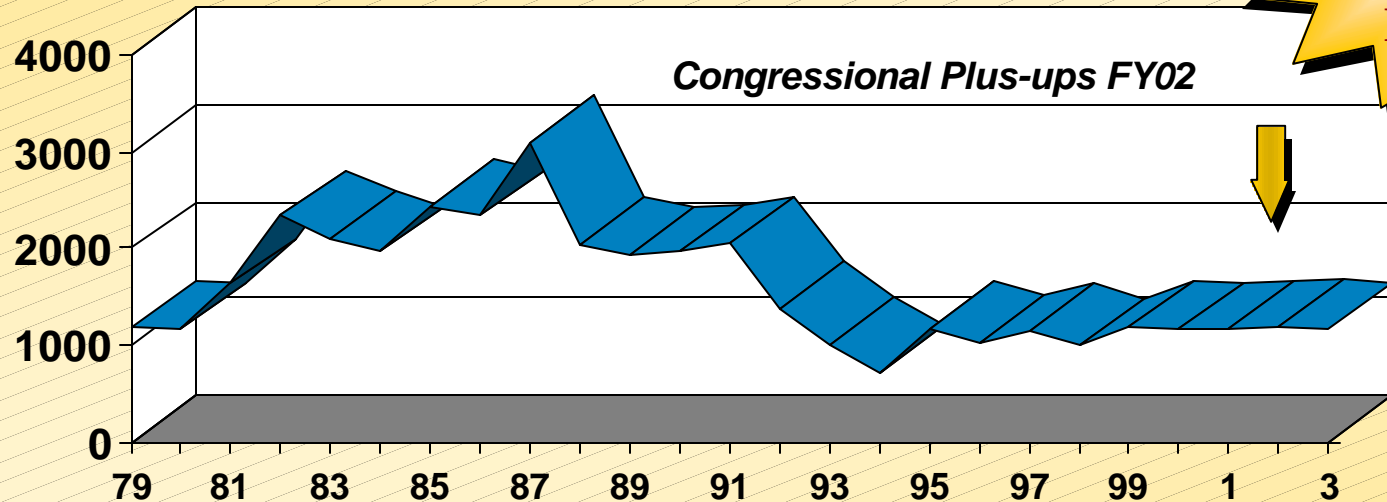
**...OR PUT ANOTHER WAY...**



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# Near Term Procurement Ammunition, Army

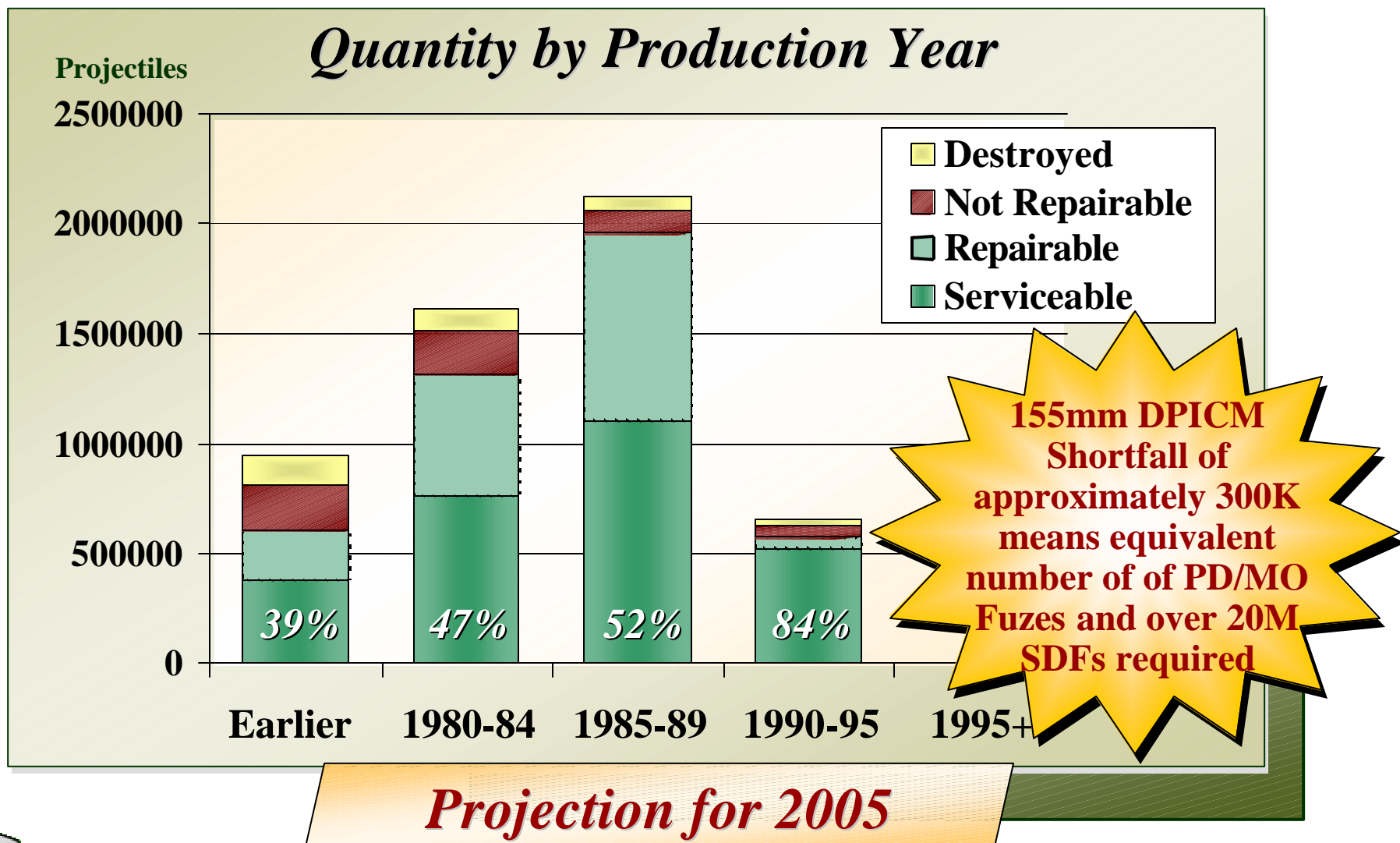
*PAA Historical Trend (\$M)*



**Today's  
Production  
Reflects  
Yesterday's  
Funding -**

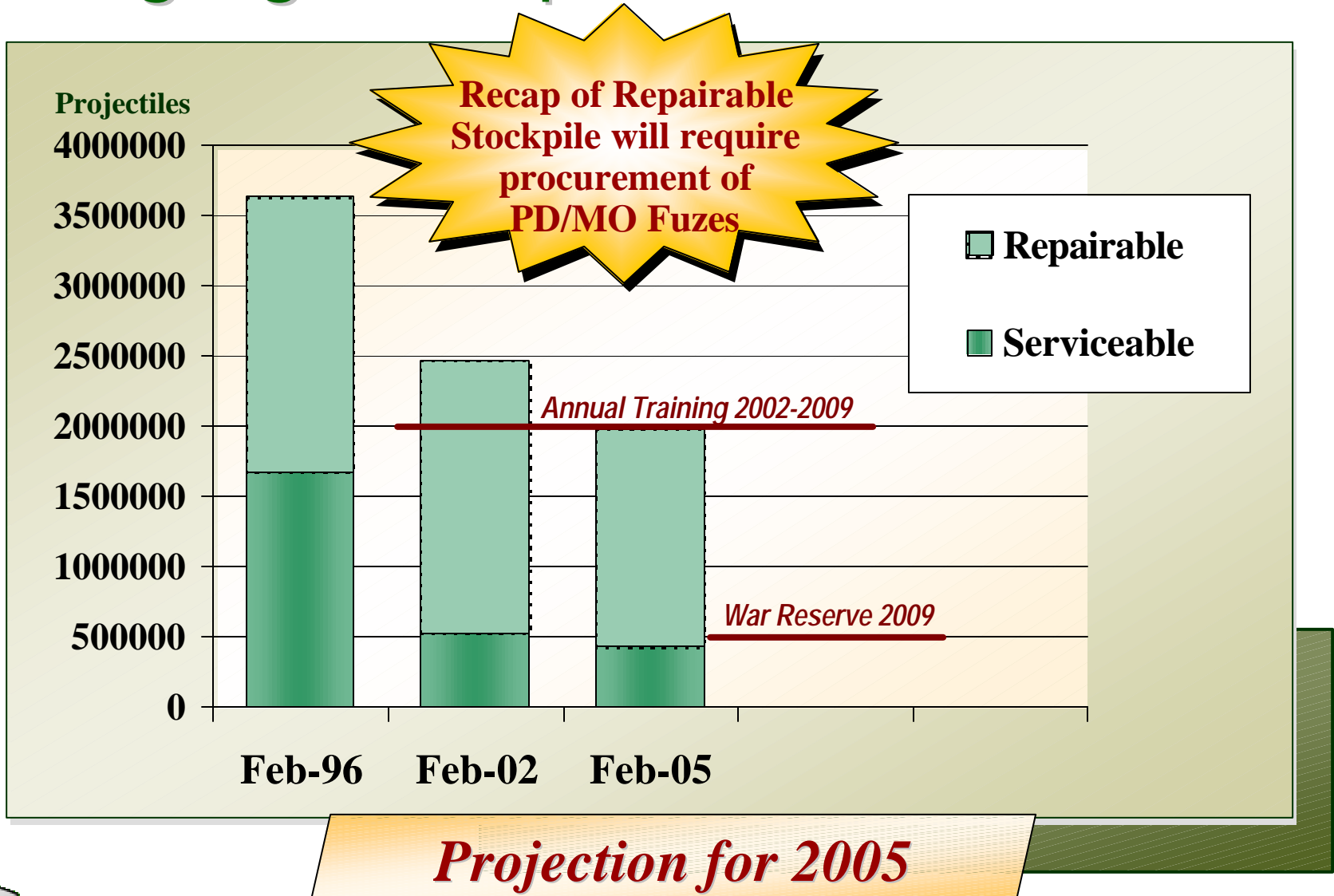
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# Aging Stockpile - 155MM DPICM



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# Aging Stockpile – 105mm HE M1



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# Recapitalization

- ❖ *Returns Ammo to “Zero Hours” Standard - Upgrade w/Technical Enhancements, Repairs, Shelf Life Extension*
  - ❖ *Improve Existing Stockpile*
  - ❖ *Technology Insertion (i.e. Self-destruct Fuze)*
  - ❖ *Offset Demil Costs (Estimated Cost \$78M)*
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# Fuze Base Concerns

*Why we considered bringing fuzes into Gov't Base ?*

## *Still Concerned:*

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- ❖ *Power Sources (Batteries) for Electronic Fuzes*
- ❖ *Electro-Explosive Devices*
- ❖ *Financial Viability of Fuze Base Members*

## *Improving:*

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- ❖ *Length of Time Required to Deliver Small Quantities of Fuzes*
  - ❖ *Reliability*
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# Fuze Issues for Recapitalization

- ❖ *Need both Projectiles and Submunition Fuzes*
  - ❖ *Volume will initially be low but could take off quickly*
  - ❖ *Submunition Fuzes must be Self-Neutralizing or Self-Destruct or very high reliability*
  - ❖ *Base must be flexible*
  - ❖ *Look for Insertion of Technology (e.g LCCM)*
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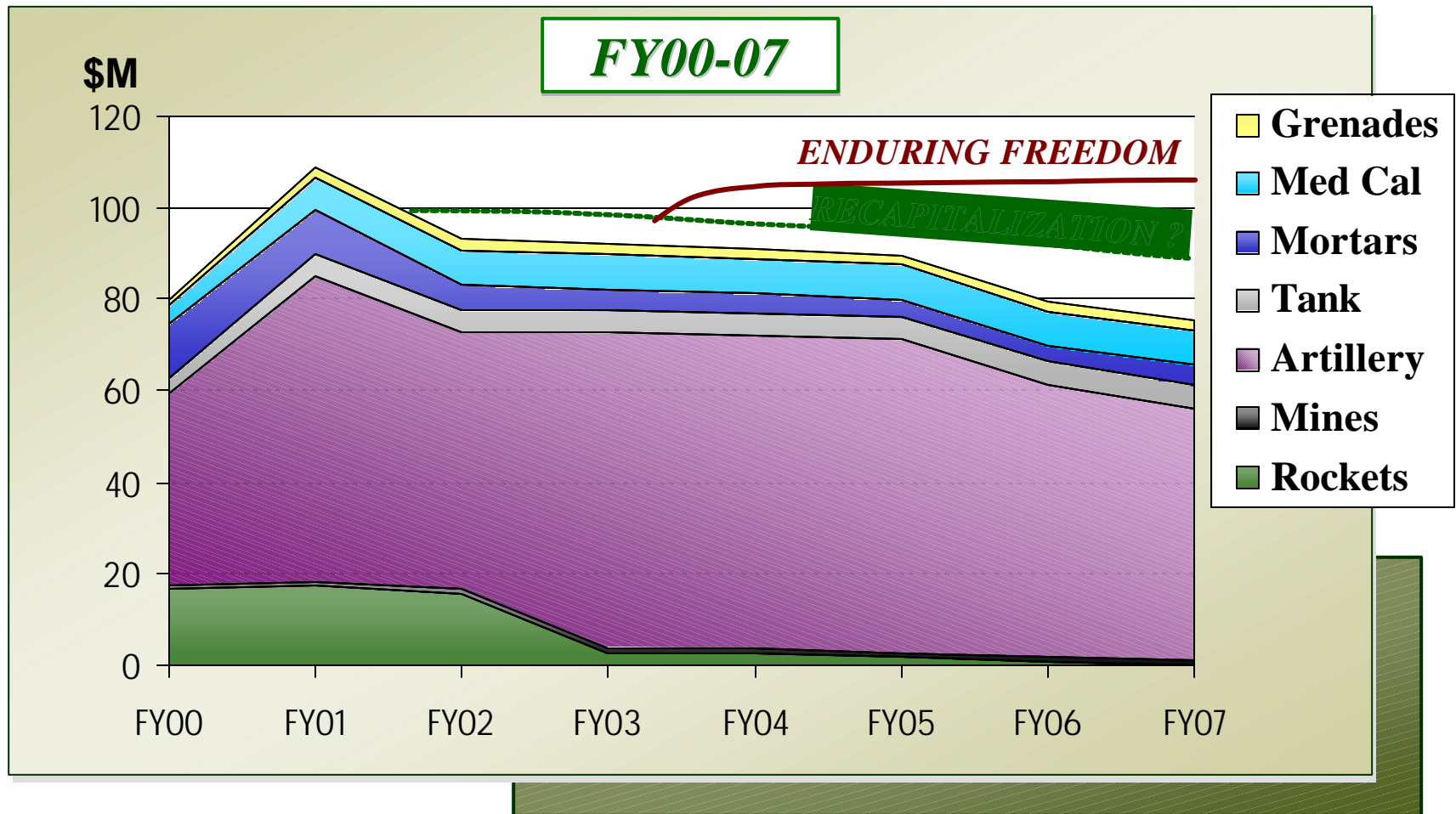
# Fuzes In Production FY 03-04

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- ❖ *M762A1 & M767A1 ET Fuzes for Artillery*
  - ❖ *M782 Multi-Option Fuze for Artillery (MOFA)*
  - ❖ *M734A1 Multi-Option Fuze for Mortars*
  - ❖ *M776 MTSQ Fuze for 120mm Mortar*
  - ❖ *M775 Mortar Practice Fuze*
  - ❖ *M783 PD Fuze for Mortars*
  - ❖ *Grenade Fuzes - M213, M218, M228*
  - ❖ *SD Fuze for DPICM*
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# Fuze Procurement by Categories



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# Conclusions

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- ❖ *Fuze Procurements Relatively Stable in Next 5 Years*
    - **Exception = Hydro 70 Rockets**
  - ❖ *Potential Growth Areas in DPICM, ET, and MOFA Fuzes*
    - **Recap**
    - **Enduring Freedom Support**
    - **IBCT**
  - ❖ *Base will Remain a Concern through POM*
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